DATA SHEET

BCV 200|250|300 FD
CLAW VACUUM PUMPS

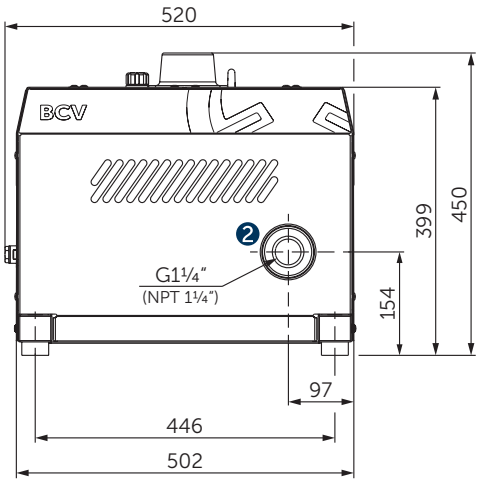
dry and contact free compression
air-cooled

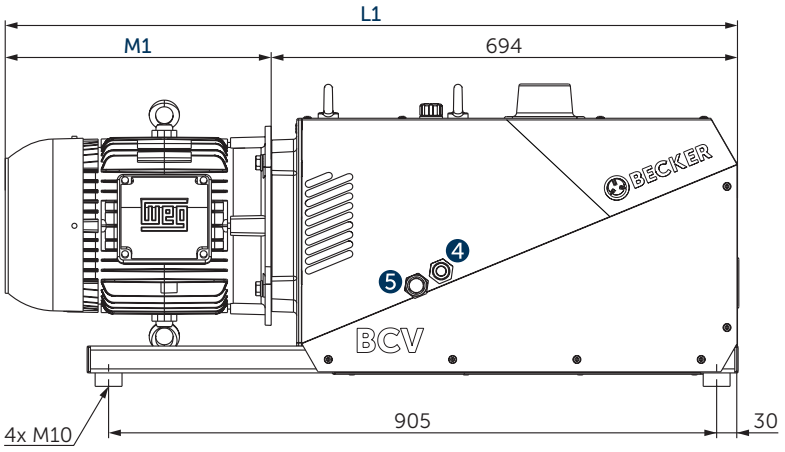
MAKE IT BECKER.

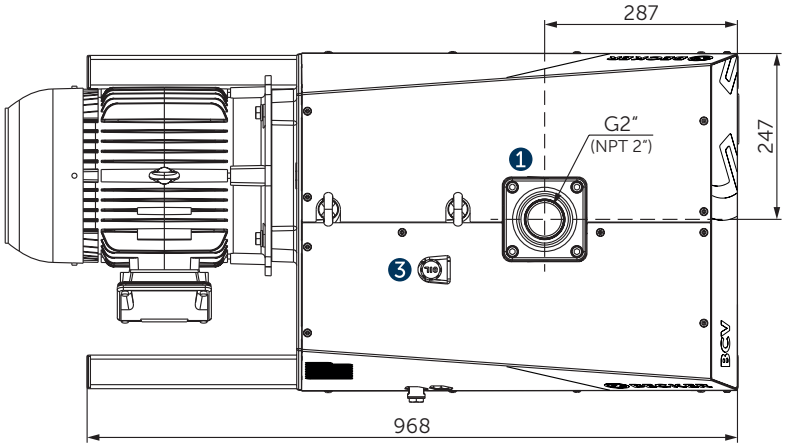


1. The reduced space requirements and standard dimensions ensure seamless integration into existing machines and systems. It also enables easy replacement of existing vacuum pumps.
2. Thanks to high-quality construction, BCV vacuum pumps are both durable and reliable, suitable for demanding conditions.
3. Minimal maintenance reduces operating costs and the need for serviceable parts while, maximising efficiency and productivity.

BECKER



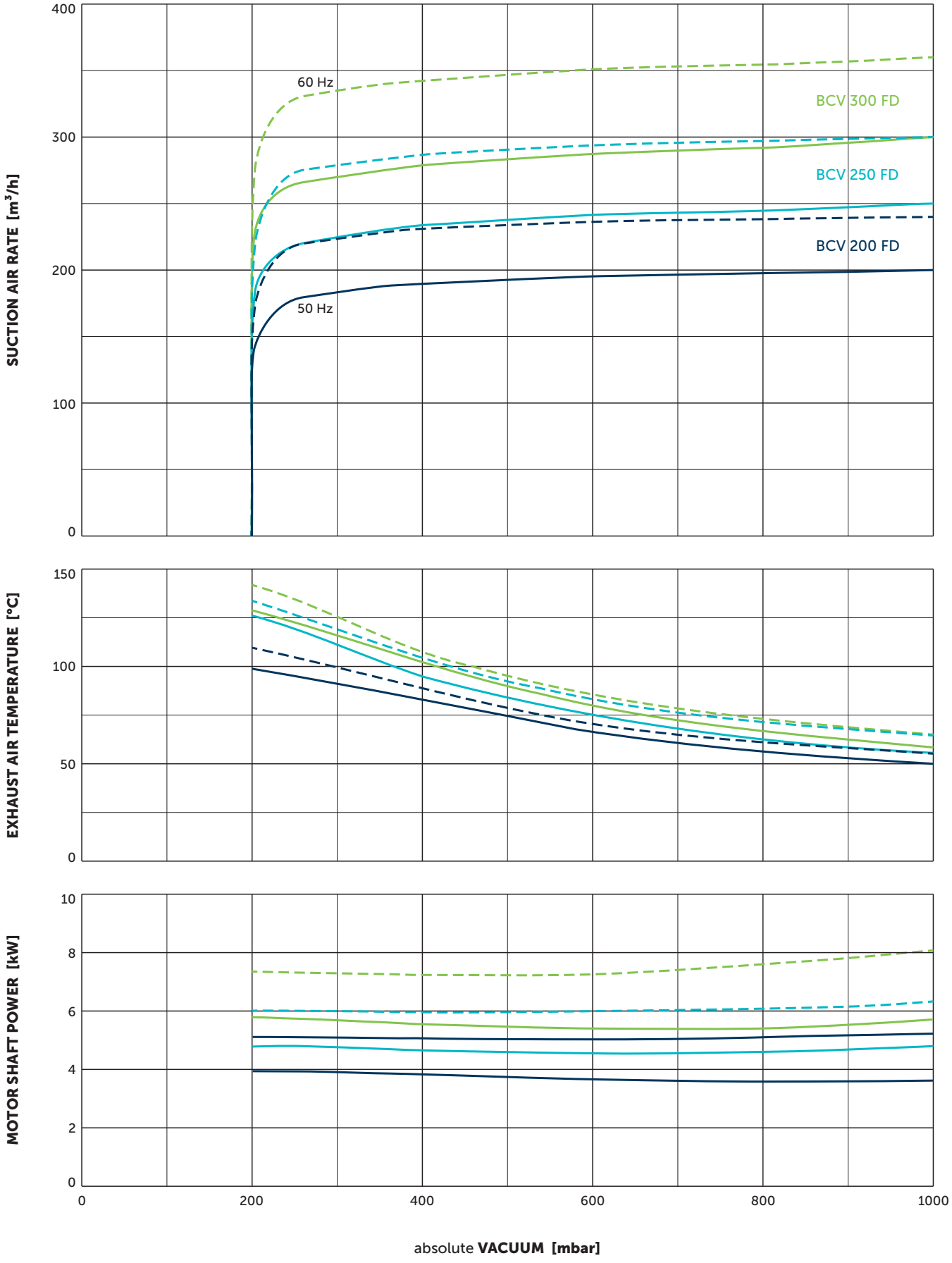




1 Vacuum connection (G2" or NPT 2")
2 Exhaust air connection (G1¼" or NPT 1¼")
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
L Overall device length L1 with motor. L1 and M1 are variable, see separate motor specification sheet.
- Equipped with vibration dampers and an integrated safety valve for reliable and safe operation.
- The motor illustration may vary.
- Dimensions in mm

	Nominal capacity		Vacuum absolute		Installed motor power		Emission sound pressure level [1]		Weight w/o motor
			Short-time operation [3]	Continuous operation					
	m^3/h		hPa (mbar)		kW		dB(A) @ 400 mbar abs. [2]		kg
	50 Hz	60 Hz	50+60 Hz	50+60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
BCV 200 FD	200	240	100	200	4.1	5.0	75	78	201
BCV 250 FD	250	300	100	200	4.9	6.0	75	78	203
BCV 300 FD	300	360	150	200	5.8	7.3	75	78	205

[1] Emission sound pressure level, with the highest measured values, LpA (re 20 µPa): BCV 200–300 FD = 83/86 dB(A), 50/60 Hz
The values were determined according to the noise measurement DIN EN ISO 9614-2:1996-12, the basic standard DIN EN ISO 2151:2009-01 and DIN EN ISO 11203. Data according to DIN EN ISO 4871, measurement uncertainty KpA of 3 db.
[2] Suction and pressure side discharged
[3] Short-time operation for a maximum of 20 minutes, followed by a 20-minute cool-down period while the pump is running in the range of the continuous operation.
- The data in the table and performance curves apply to vacuum pumps at operating temperature. The vacuum safety valve is set to 200 mbar absolute.
- Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±10%



Suction air rate refers to the intake pressure
Reference data (atmosphere): 1000 mbar, 20°C
Tolerance: ±10%

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MOTOR
SPECIFICATIONS

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